

**DVORAK AND TRAUB**  
 53 West Jackson Boulevard  
 Chicago, IL 60604-3606  
 Telephone: 312-922-6262

08/737042  
 Rec'd PCT/PTO 30 OCT 1996

**TRANSMITTAL LETTER TO THE UNITED STATES  
 DESIGNATED/ELECTED OFFICE (DO/EO/US)**

International Application No.: **PCT/SE95/00479**

International Filing Date: **2 May 1995**

Priority Date Claimed: **6 May 1994**

Title of Invention: **HEAT EXCHANGER AND METHOD FOR ITS MANUFACTURE**

Applicant(s) for DO/EO/US: **Björn HEED**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to immediately begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office(RO/US).
6.  A translation of the International Application into English.
7.  Amendments to the claims of the International Application under PCT Article 19
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19(35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  will follow.
10.  A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35. U.S.C. 371(c)(5)).
11.  Copy of the  International Preliminary Examination Report and/or the  International Search Report.
12.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13.  An Assignment document for recording with a separate cover sheet in compliance with 37 CFR 3.28 and 3.31
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  will follow.
14.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.

17.  Verified Small Entity Declaration.

a.  is transmitted herewith (required only if not transmitted by the International Bureau).  
 b.  has been transmitted by the International Bureau.  
 c.  will follow.

18.  Other items of information: \_\_\_\_\_.19.  4 sheets of drawings are enclosed.20.  The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

BASIC NATIONAL FEE (37 CFR 1.492 (a)(1)-(5)):		
<input type="checkbox"/>	Search Report has been prepared by the EPO or JPO = \$910.00	
<input type="checkbox"/>	International preliminary examination fee paid to USPTO (37 CFR 1.482) = \$700.00	
<input type="checkbox"/>	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) = \$770.00	
<input checked="" type="checkbox"/>	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO = \$1040.00	\$1040.00
<input type="checkbox"/>	International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) = \$96.00	
<input type="checkbox"/>	Surcharge of \$130.00 for furnishing the oath or declaration later than the <u>20</u> <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	TOTAL FEE FOR LATE FILING OF OATH/DECLARATION \$
NUMBER OF INDEPENDENT CLAIMS CLAIMS OVER 3 RATE 1 - 3 = 0 X \$80.00=		TOTAL FEES FOR INDEPENDENT CLAIMS OVER 3 \$ 0.00
MULTIPLE DEPENDENT CLAIMS(S) PRESENT RATE \$260.00 PER APPLN.		FEE FOR MULTIPLE DEPENDENT CLAIM(S) \$ 0.00
TOTAL NUMBER OF CLAIMS CLAIMS OVER 20 RATE 4 - 20 = 0 X \$22.00 =		TOTAL FEES FOR CLAIMS OVER 20 \$ 0.00
TOTAL OF ABOVE CALCULATIONS		\$ 1040.00
Reduction by 1/2 for filing by small entity		\$
SUBTOTAL		\$ 1040.00
ASSIGNMENT RECORDAL SHEET		\$
Processing fee of \$130.00 for furnishing the English translation later than the <u>20</u> <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$ 0.00
<b>TOTAL FEES ENCLOSED</b>		<b>\$ 1040.00</b>

a.  A check in the amount of \$ 1040.00 to cover the above fees is enclosed.  
 b.  Please charge my Deposit Account No. 04-2219 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.  
 c.  The Commissioner is hereby authorized to charge any additional fees which may be required, including request for extension and payment of extension fees due, when this is not explicitly requested by applicants, with a view toward avoidance of abandonment, to Deposit Account No. 04-2219. Any over-payment should be credited to this account. A duplicate copy of this sheet is enclosed.

Please direct all communications in connection with this application to the undersigned at:

**DVORAK AND TRAUB**  
 53 West Jackson Boulevard  
 Chicago, Illinois 60604

Keith H. Orum  
 Attorney for Applicant  
 Registration No. 33985

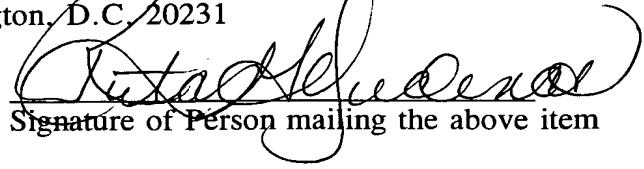
George F. Dvorak  
 Attorney for Applicant  
 Registration No. 17656

EXPRESS MAIL CERTIFICATION

"Express" Mail label number: **EM134303913US**  
Date of Deposit: **October 30, 1996**

I hereby certify that this transmittal letter and the papers and fees identified in this transmittal letter as being transmitted herewith are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated at (A) above and are addressed to the Commissioner of Patents & Trademarks, Washington, D.C. 20231

Ruta G. Dudenas  
Name of Person mailing the above

  
Signature of Person mailing the above item